



Configuring RMON Features Roadmap

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This feature roadmap lists the Remote Monitoring (RMON) features documented in the RMON Support section of the *Cisco IOS Network Management Configuration Guide* and maps them to the documents in which they appear. The roadmap is organized so that you can select your release train and see the features in that release. Find the feature name you are searching for and click on the URL in the “Where Documented” column to access the document containing that feature.

Many legacy features have been incorporated into the configuration files, and these features may not have entries in this roadmap. In addition, information in this roadmap supports other software releases or platforms. For the latest feature information and caveats, see the release notes for your platform and software release.

Feature and Release Support

Table 1 lists RMON feature support for the following Cisco IOS software release trains:

- [Cisco IOS Release 12.2SR](#)
- [Cisco IOS Release 12.2SX](#)
- [Cisco IOS Releases 11.2, 12.2T, 12.3, 12.3T, 12.4 and 12.4T](#)

Use Cisco Feature Navigator to find information about platform support and software image support. Cisco Feature Navigator enables you to determine which Cisco IOS and Catalyst OS images support a specific software release, feature set, or platform. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.



Note

Table 1 lists only the Cisco IOS software release that introduced support for a given feature in a given Cisco IOS software release train. Unless noted otherwise, subsequent releases of that Cisco IOS software release train also support that feature.

Table 1 lists the most recent release of each software train first and the features in alphabetical order within the release.



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Table 1 Supported Configuring RMON Features

Release	Feature Name	Feature Description	Where Documented
Cisco IOS Release 12.2SR			
12.2(33)SRE	HC Alarm MIB	The HC Alarm MIB feature provides an extension to the RMON-1 Alarm group table objects which was used to support counter 32 objects for threshold capabilities. The HC Alarm MIB adds support to threshold capabilities for counter 64 objects.	Configuring RMON Support
12.2(33)SRE	RMON MIB enhancement to support 64 bit counters	RMON MIB enhancement to support 64 bit counters features provides support for the ability to poll 64 bit counters.	Configuring RMON Support
Cisco IOS Release 12.2SX			
12.2(33)SXI	HC Alarm MIB	The HC Alarm MIB feature provides an extension to the RMON-1 Alarm group table objects which was used to support counter 32 objects for threshold capabilities. The HC Alarm MIB adds support to threshold capabilities for counter 64 objects.	Configuring RMON Support
12.2(33)SXI	RMON MIB enhancement to support 64 bit counters	RMON MIB enhancement to support 64 bit counters features provides support for the ability to poll 64 bit counters.	Configuring RMON Support
Cisco IOS Releases 11.2, 12.2T, 12.3, 12.3T, 12.4 and 12.4T			
12.4(5)T	Remote Monitoring MIB Update	The RMON Rewrite feature updated the Remote Monitoring MIB to improve performance and available features.	Configuring RMON Support
11.2	RMON Events and Alarms	The RMON Events and Alarms feature introduces the ability to combine RMON alarms and events (classes of messages that indicate traffic violations and various unusual occurrences over a network) with existing MIBs allows you to choose where proactive monitoring will occur.	Configuring RMON Support
11.2	RMON Full	Remote Monitoring (RMON) is a standard monitoring specification that enables various network monitors and console systems to exchange network-monitoring data. RMON provides network administrators with more freedom in selecting network-monitoring probes and consoles with features that meet their particular networking needs. The RMON Full feature identifies activity on individual nodes and helps monitor all nodes and their interaction on a LAN segment. Used in conjunction with the SNMP agent in a router, RMON can be used to view both traffic that flows through the router and segment traffic not necessarily destined for the router.	Configuring RMON Support

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